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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
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## TRANSMITTAL FORM

*(to be used for all correspondence after initial filing)*

		Application Number	10/730,534
		Filing Date	Dec 08, 2003
		First Named Inventor	Weiss
		Group Art Unit	2143
		Examiner Name	
Total Number of Pages in This Submission	40	Attorney Docket Number	MS1-1718US

### ENCLOSURES *(check all that apply)*

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i>	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
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<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
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Remarks		
Customer Number 22801		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

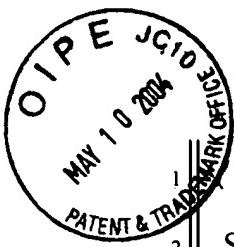
Firm or Individual name	Brian G. Hart; 44,421
Signature	
Date	05/07/04

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1 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2 Serial No. .... 10/730,534  
3 Filing Date ..... Dec 08, 2003  
Confirmation No. .... 3032  
4 Inventorship ..... Weiss  
Applicant ..... Microsoft Corporation  
5 Group Art Unit ..... 2143  
Examiner .....  
6 Attorney's Docket No. .... MS1-1718US  
Title: Reconstructed Frame Caching

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8 **INFORMATION DISCLOSURE STATEMENT**

9 *References -- See Attached Form PTO-1449*

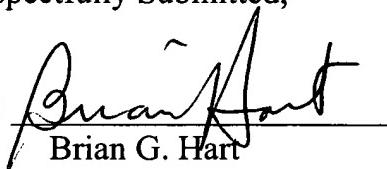
10 **REMARKS**

11 The citations listed, copies of non-patent references attached, are submitted  
12 in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner  
13 is requested to make these citations of official record in this application.

14

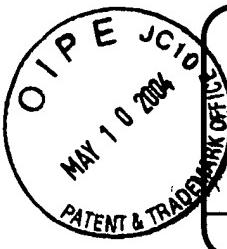
15 Respectfully Submitted,

16 Date: 5/07/04

17 By:   
18 Brian G. Hart  
Reg. No. 44,421

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**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Substitute for form 1449A/PTO				<i><b>Complete if Known</b></i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Application Number</b>	10/730,534
				<b>Filing Date</b>	Dec 08, 2003
				<b>First Named Inventor</b>	Weiss
				<b>Group Art Unit</b>	2143
				<b>Examiner Name</b>	
				<b>Attorney Docket Number</b>	MS1-1718US
(use as many sheets as necessary)					
Sheet	1	of	2		

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
	5,539,886			Aldred et al.	07-23-1996	
	5,604,843			Shaw et al.	02-18-1997	
	5,765,011			Wilkinson et al.	06-09-1998	
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	2002/0158897			Besaw et al.	10-31-2002	
	2003/0101253			Saito et al.	05-29-2003	

## FOREIGN PATENT DOCUMENTS

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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				Filing Date	Dec 08, 2003
				First Named Inventor	Weiss
				Group Art Unit	2143
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	MS1-1718US

<b>NON PATENT LITERATURE DOCUMENTS</b>		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		SHIH, T. K.; "Participator Dependent Multimedia Presentation", Journal of Information Sciences, Vol. 107, pp. 85-105, 1998.
		SHIH, T. K., PAI, W. C.; "A Stepwise Refinement Approach to Multimedia Presentation Designs", IEEE, pp. 117-122, 1997.
		SAMEJO A. A. et al., "Graphical User Interface Based Multimedia Web Suite in Windows Environment", Mehran University Research Journal of Engineering & Technology, Vol. 20, No. 2, pp. 57-68, April 2001.
		SHIH, T. K., et al.; "A Knowledge Abstraction Approach for Multimedia Presentation", IEEE, pp. 528-532, 1997.
		LEE, Sei-Hoon, WANG, Chang-Jong; "Open Multimedia/Hypermedia Application Development Environment", Inspec, 1996.
		CHUNG, Chi-Ming et al., "A Control and Data Abstraction Approach for Multimedia Presentation", Journal of the Chinese Institute of Electrical Engineering, Vol. 5, No. 3, pp. 265-276, 1998.
		OLSON, ROBERT, et al., "Remote Rendering Using Vtk and Vic," website at <a href="http://www-unix.mcs.anl.gov/fl/publications/vis00-vicvtk.pdf">http://www-unix.mcs.anl.gov/fl/publications/vis00-vicvtk.pdf</a> , 2 pages.
		ENGEL, KLAUS et al, "Remote 3D Visualization Using Image-Streaming Techniques" website at: <a href="http://citeseer.nj.nec.com/394248.html">http://citeseer.nj.nec.com/394248.html</a> , 4 pages.
		ENGEL, KLAUS, et al., "Combining Local and Remote Visualization Techniques for Interactive Volume Rendering in Medical Applications" website at <a href="http://wwwvis.informatik.uni-stuttgart.de/eng/research/pub/pub2000/engel_vis00.pdf">http://wwwvis.informatik.uni-stuttgart.de/eng/research/pub/pub2000/engel_vis00.pdf</a>
		TGS website at <a href="http://www.tgs.com/pro_div/oiv_overview.htm">http://www.tgs.com/pro_div/oiv_overview.htm</a> , "Open Inventor from TGS4.0 "Open Inventor Overview," printed 4/28/2003, 4 pages.

Examiner Signature	Date Considered
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